DC
SUSTAINABLE ENERGY
UTILITY

Evaluation Update
2014

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Objectives

DC SUSTAINABLE ENERGY UTILITY

- ❑ **Recent Evaluation Activities**
- ❑ **Plans for 2014/15**
- ❑ **Research Needs**

Background

DC SUSTAINABLE ENERGY UTILITY

- ❑ Contract signed March 2011
- ❑ Implement EE and RE
- ❑ 2011 Quick Start Programs
- ❑ 2012 Transition to Market Rate

Roles

DC SUSTAINABLE ENERGY UTILITY

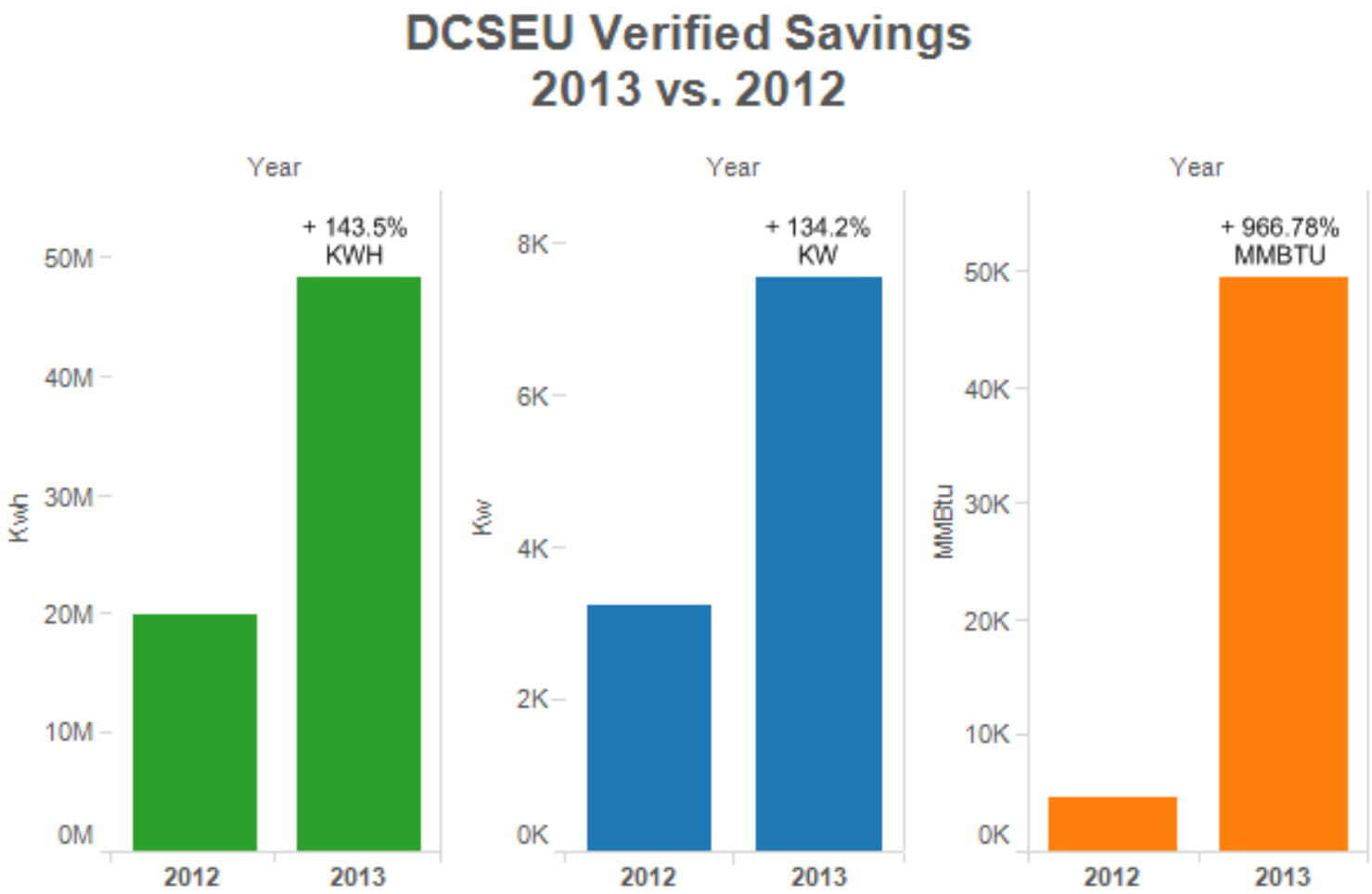
Client/Regulator → DISTRICT DEPARTMENT OF THE ENVIRONMENT *green forward*

3rd Party Evaluator → TETRA TECH

Implementation → DC SUSTAINABLE ENERGY UTILITY; Vermont Energy Investment Corporation

Energy Savings

DC SUSTAINABLE ENERGY UTILITY



Acquisition Costs - Electric

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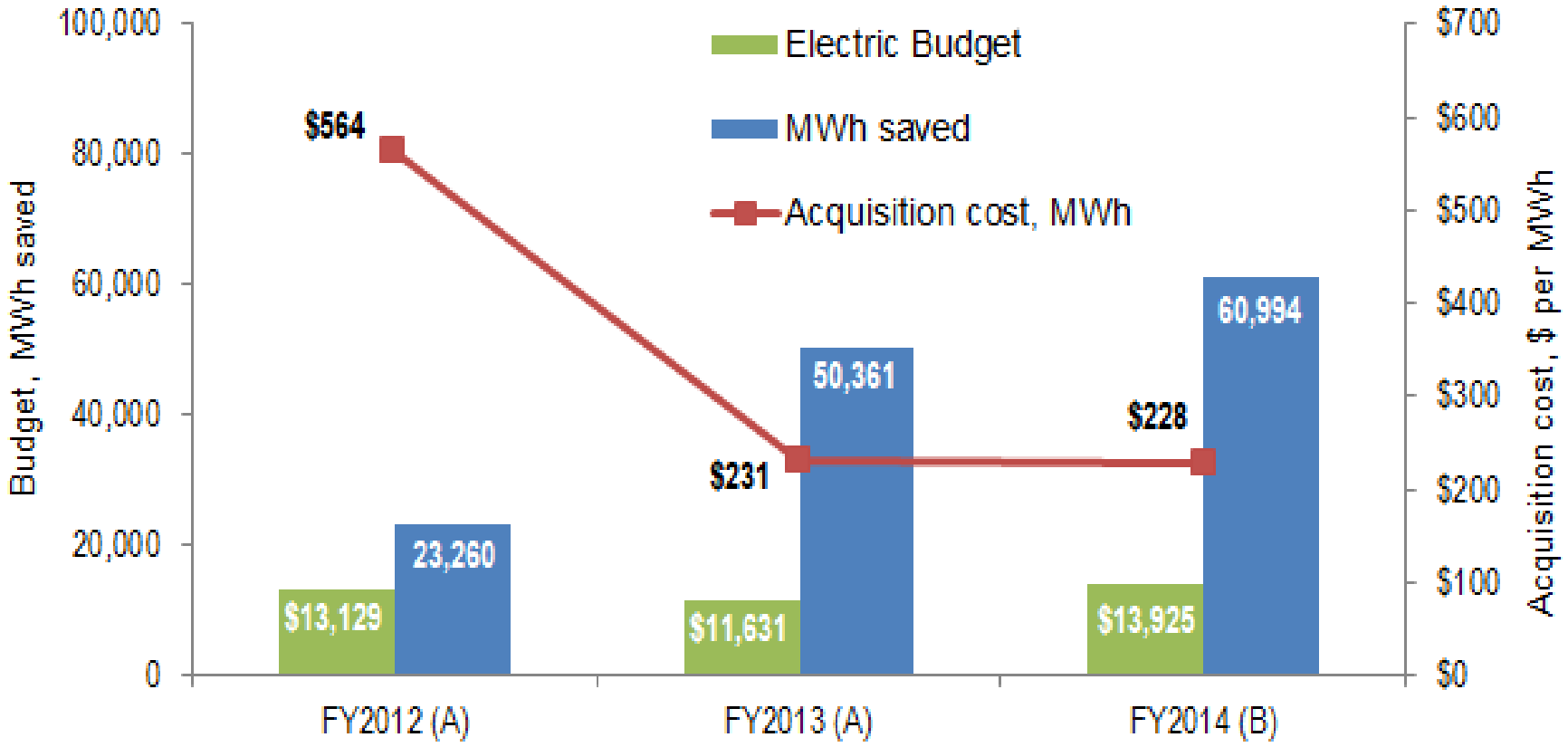

Acquisition Costs - Gas

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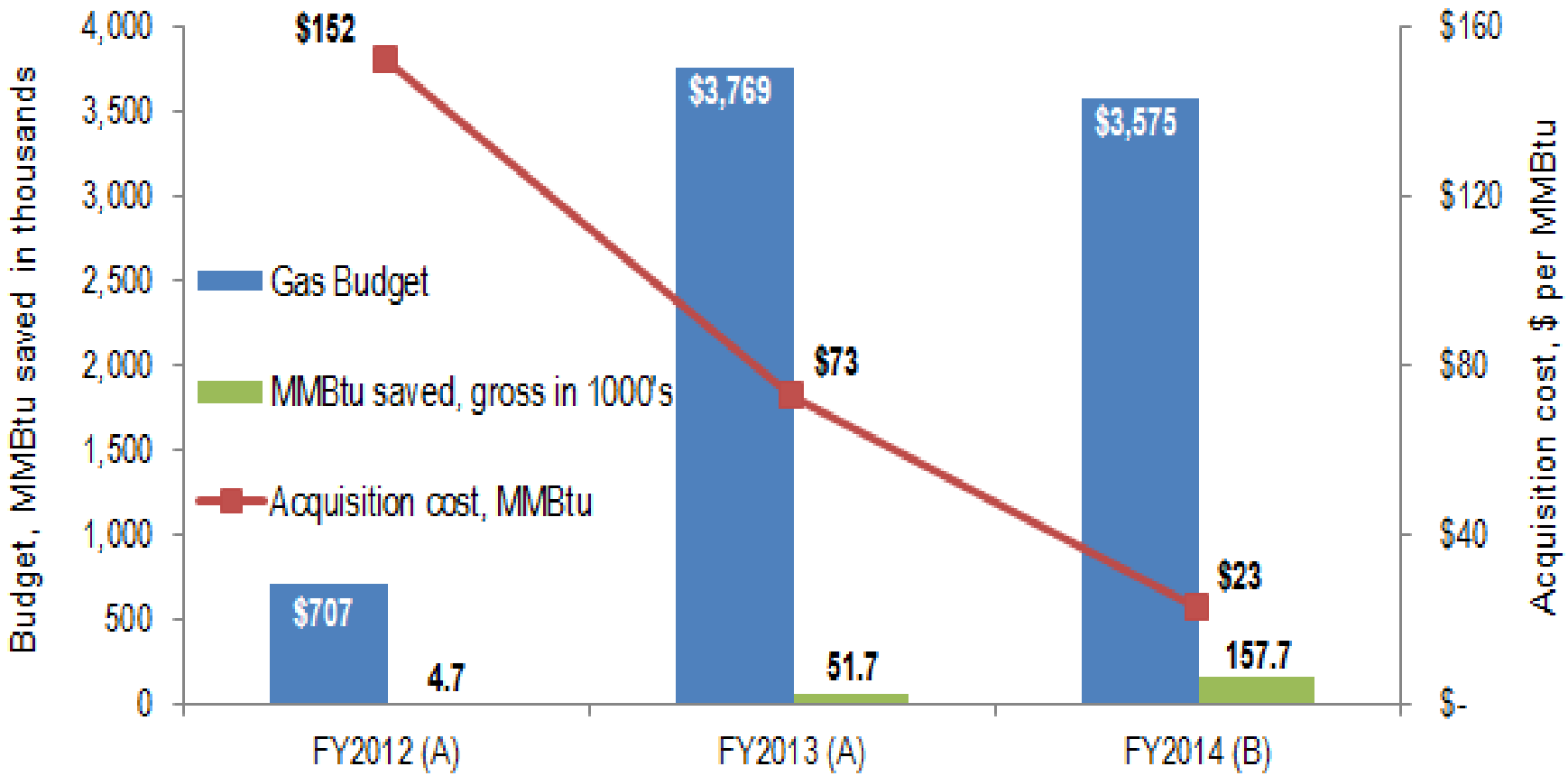

Portfolio Comparison

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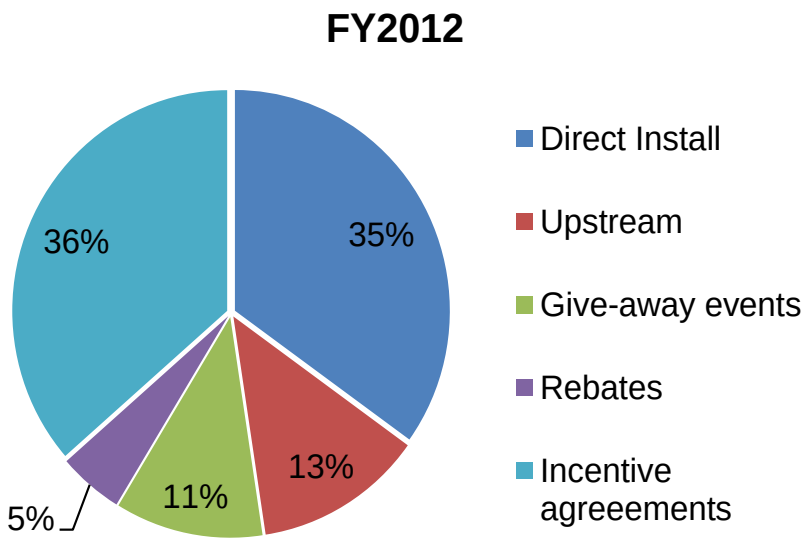

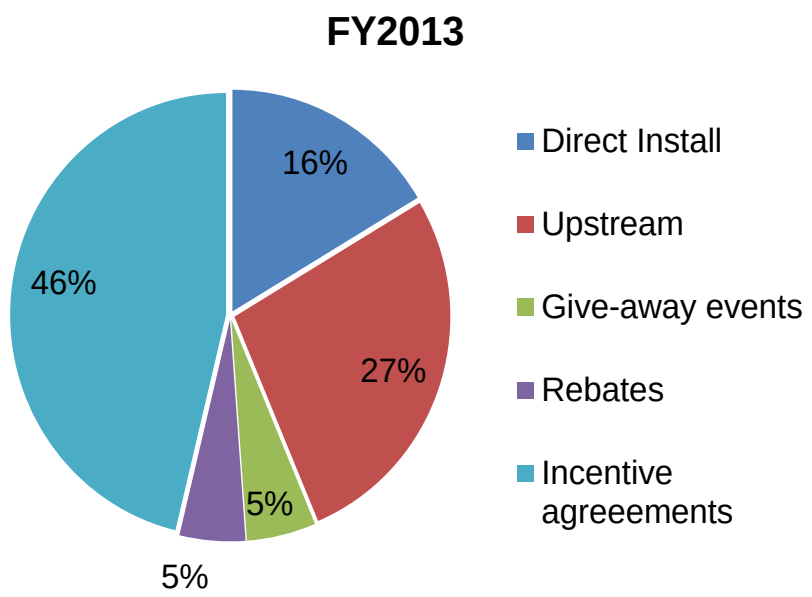

Portfolio Electric Savings by Initiative Design Type Comparison, Reported Savings

FY 13 Electric Savings – End Use

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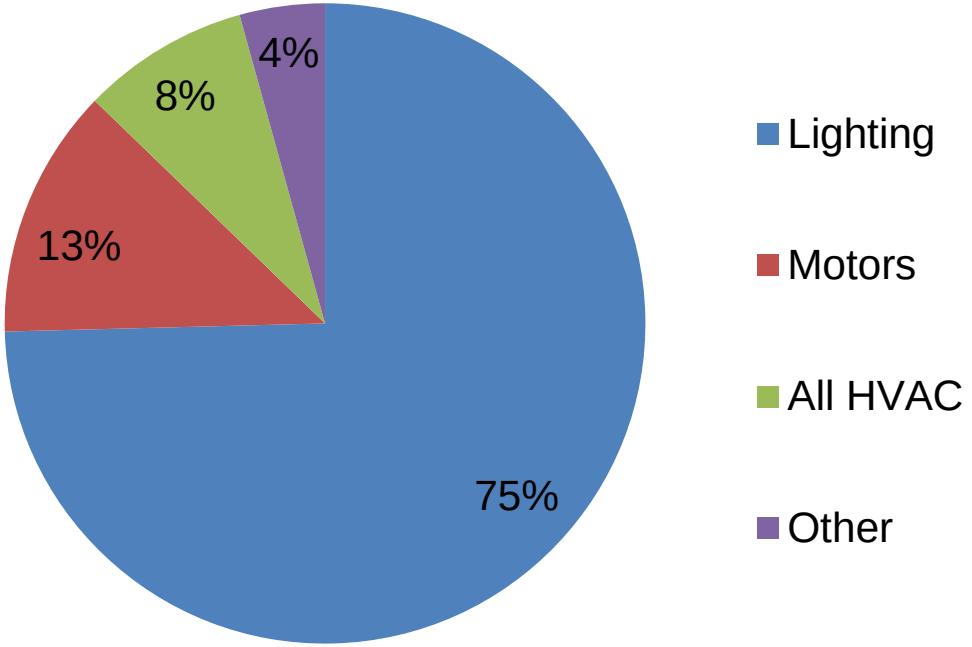

FY 13 Gas Savings – End Use

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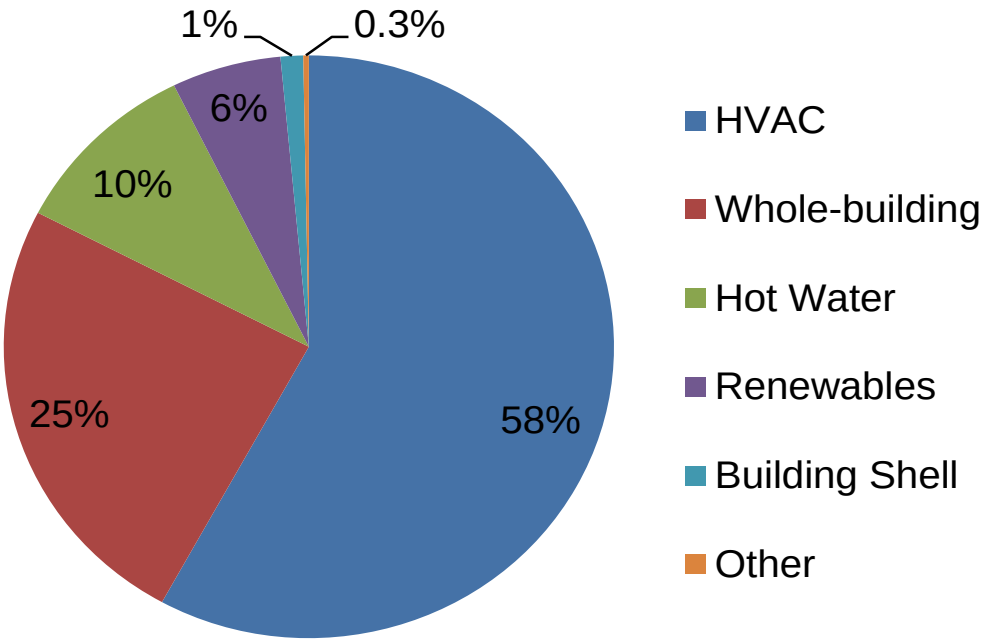

FY 13 Portfolio by Sector

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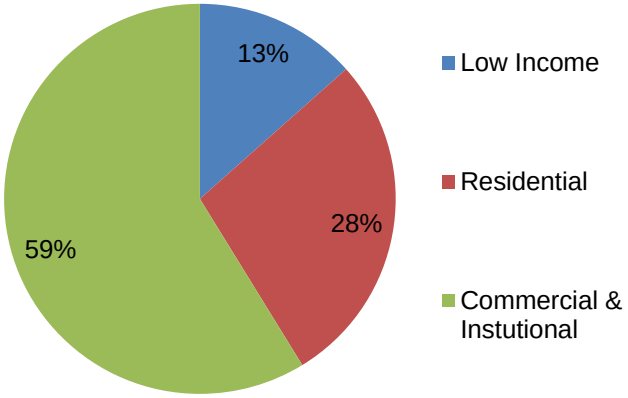

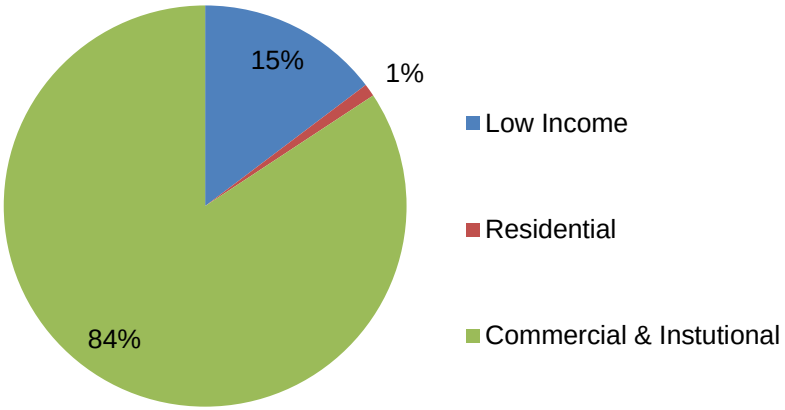

FY 13 Electric Savings

FY 13 Nat. Gas Savings

Cost Effectiveness

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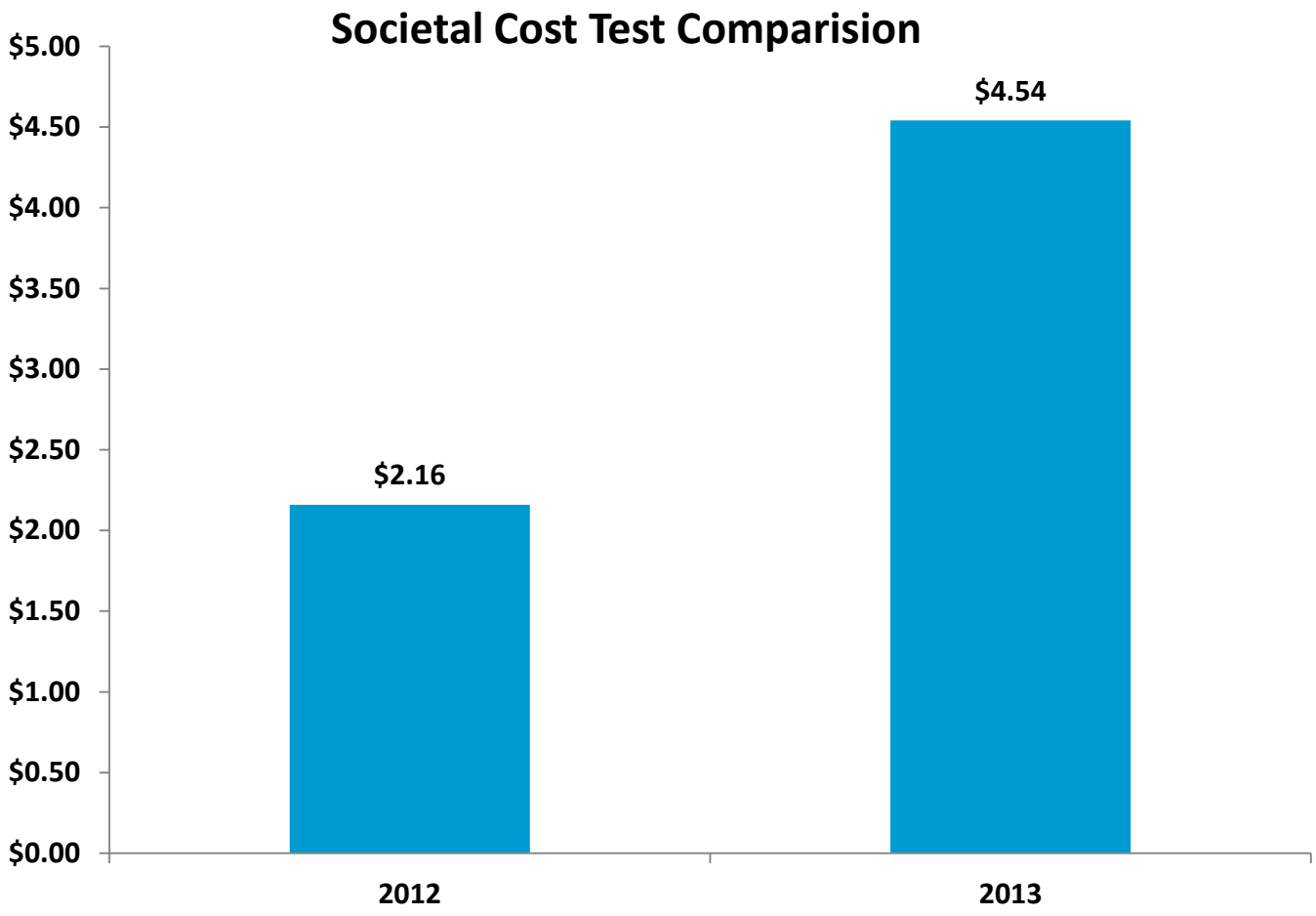

Sector Attribution and Leakage

DC SUSTAINABLE ENERGY UTILITY

- Cross Sector Sales
  - Residential = 85%
  - Business = 14%
  - Home Business = 2%
- Leakage
  - District of Columbia = 85%
  - Maryland = 10%
  - Other 5%

Planned Activities 2014/15

DC SUSTAINABLE ENERGY UTILITY

- ❑ Incentive/Non incentive Cost Review
- ❑ Impact Evaluations
- ❑ Process Evaluations

Research Needs

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- ❑ DC Baseline Assessment
- ❑ Heat Pumps
- ❑ Waste Heat factors
- ❑ Screening assumptions and Avoided costs for Renewables
- ❑ Leakage
- ❑ Acquisition costs of Nat. Gas programs
- ❑ Portfolio and Operation Models

Thanks!

DC SUSTAINABLE ENERGY UTILITY

- DDOE
- Tetratech
  - LEIDOS
  - BAUMANN Consulting,
  - GDS Associates

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Questions